

## EAST Search History

| Ref # | Hits | Search Query   | DBs  | Default Operator | Plurals | Time Stamp       |
|-------|------|--|--|------------------|---------|------------------|
| L1    | 1171 | (702/57,64).CCLS.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR               | OFF     | 2006/08/24 11:28 |
| L2    | 1052 | (702/65,67,68,107).CCLS.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR               | OFF     | 2006/08/24 11:39 |
| L3    | 1300 | (702/182).CCLS.  | US-PGPUB;<br>USPAT                                       | OR               | OFF     | 2006/08/24 11:40 |
| L4    | 1070 | (702/183).CCLS.  | US-PGPUB;<br>USPAT                                       | OR               | OFF     | 2006/08/24 11:44 |
| L5    | 957  | (702/188).CCLS.  | US-PGPUB;<br>USPAT                                       | OR               | OFF     | 2006/08/24 12:11 |
| L6    | 1614 | (700/121).CCLS.  | US-PGPUB;<br>USPAT                                       | OR               | OFF     | 2006/08/24 12:13 |
| L7    | 916  | (438/5,8,9).CCLS.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR               | OFF     | 2006/08/24 12:27 |
| L8    | 6628 | (438/14,16,17).CCLS.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR               | OFF     | 2006/08/24 12:29 |
| L9    | 63   | L8 and (plasma electron) adj density   | US-PGPUB;<br>USPAT                                       | OR               | ON      | 2006/08/24 12:29 |
| L10   | 137  | L8 and plasma adj processing   | US-PGPUB;<br>USPAT                                       | OR               | ON      | 2006/08/24 12:29 |
| L11   | 0    | plasma adj processing and Gunn adj diode adj ((voltage adj controlled adj oscillator) vco) and @pd>"20060606"      | US-PGPUB;<br>USPAT                                       | OR               | ON      | 2006/08/24 12:38 |
| L12   | 0    | Gunn adj diode adj ((voltage adj controlled adj oscillator) vco) and @pd>"20060606"                                | US-PGPUB;<br>USPAT                                       | OR               | ON      | 2006/08/24 12:38 |
| L13   | 0    | plasma adj processing and Gunn adj diode adj ((voltage adj controlled adj oscillator) vco) and @pd>"20060606"      | EPO; JPO;<br>DERWENT<br>; IBM_TDB                        | OR               | ON      | 2006/08/24 12:39 |
| L14   | 0    | Gunn adj diode adj ((voltage adj controlled adj oscillator) vco) and @pd>"20060201"                                | EPO; JPO;<br>DERWENT<br>; IBM_TDB                        | OR               | ON      | 2006/08/24 12:39 |
| L15   | 0    | plasma adj processing and Gunn adj diode with ((voltage adj controlled adj oscillator) vco) and @pd>"20060606"     | US-PGPUB;<br>USPAT                                       | OR               | ON      | 2006/08/24 12:39 |
| L16   | 0    | plasma adj processing and Gunn adj diode with ((voltage adj controlled with oscillator) vco) and @pd>"20060606"    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR               | ON      | 2006/08/24 12:39 |
| L17   | 0    | Gunn adj diode with ((voltage adj controlled with oscillator) vco) and @pd>"20060606"                              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR               | ON      | 2006/08/24 12:39 |
| L18   | 1    | ((plasma adj processing) (electron adj density)) and semiconductor and diagnostic and resonator and @pd>"20060606" | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR               | ON      | 2006/08/24 12:40 |

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| L19 | 3 | ((plasma adj processing) (electron adj density)) and semiconductor and resonator and oscillator and @pd>"20060606"  | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/08/24 12:40 |
| L20 | 0 | ((plasma electron) adj density and control).ti. and @pd>"20060606"  | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/08/24 12:41 |
| L21 | 3 | ((plasma electron) adj density and (measure measuring measurement)).ti. and @pd>"20060606"  | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/08/24 12:41 |
| L22 | 9 | ((plasma adj processing) ((plasma electron) adj density)) and diagnostic adj system and @pd>"20060606"  | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/08/24 12:42 |
| L23 | 1 | ((plasma adj processing) ((plasma electron) adj density)) and (control controller controlling controlled) with diode adj voltage and @pd>"20060606"   | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/08/24 12:43 |
| L24 | 0 | ((plasma adj processing) ((plasma electron) adj density)) and (control controller controlling controlled) with Gunn adj diode and @pd>"20060606"  | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/08/24 12:44 |
| L25 | 0 | ((plasma adj processing) ((plasma electron) adj density)) and (control controller controlling controlled) with (voltage current) adj monitor and @pd>"20060606"   | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/08/24 12:44 |
| L26 | 1 | ((plasma adj processing) ((plasma electron) adj density)) and (control controller controlling controlled) with detector with voltage and @pd>"20060606"   | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/08/24 12:45 |
| L27 | 1 | ((plasma adj processing) ((plasma electron) adj density)) and (control controller controlling controlled) with varactor and @pd>"20060606"  | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/08/24 12:46 |
| L28 | 0 | ((plasma adj processing) ((plasma electron) adj density)) and (control controller controlling controlled) with voltage near sweep and @pd>"20060606"  | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/08/24 12:46 |
| L29 | 0 | ((plasma adj processing) ((plasma electron) adj density)) and (control controller controlling controlled) with resonance adj lock-on and @pd>"20060606"   | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/08/24 12:47 |
| L30 | 0 | ((plasma adj processing) ((plasma electron) adj density)) and (control controller controlling controlled) and (adjust adjusting adjusted change changing changed) with varactor near voltage and @pd>"20060606" | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/08/24 12:47 |
| L31 | 0 | ((plasma adj processing) ((plasma electron) adj density)) and (control controller controlling controlled) and (modify modifying modified) with varactor near voltage and @pd>"20060606"                         | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/08/24 12:47 |

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|-----|----|---|--|----|----|------------------|
| L32 | 0  | ((plasma adj processing) ((plasma electron) adj density)) and multi-modal adj resonator and @pd>"20060606"  | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/08/24 12:47 |
| L33 | 0  | multi-modal adj resonator and @pd>"20060606"  | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/08/24 12:48 |
| L34 | 0  | ((plasma adj processing) ((plasma electron) adj density)) and sweep adj generator and @pd>"20060606"  | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/08/24 12:48 |
| L35 | 5  | ((plasma adj processing) ((plasma electron) adj density)) and default adj settings and @pd>"20060606"   | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/08/24 12:48 |
| L36 | 12 | ((plasma adj processing) ((plasma electron) adj density)) and default adj parameters and @pd>"20060606"   | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/08/24 12:49 |
| L37 | 0  | ((plasma adj processing) ((plasma electron) adj density)) and display with diode adj (voltage current) and @pd>"20060606"   | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/08/24 12:50 |
| L38 | 0  | ((plasma adj processing) ((plasma electron) adj density)) and display with (varactor detector) adj voltage and @pd>"20060606"   | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/08/24 12:50 |
| L39 | 0  | ((plasma adj processing) ((plasma electron) adj density)) and display with (voltage current) with (vco varactor detector) and @pd>"20060606"                            | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/08/24 12:51 |
| L40 | 0  | ((plasma adj processing) ((plasma electron) adj density)) and mode with (select selecting selected selection) with control with data adj acquisition and @pd>"20060606" | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/08/24 12:51 |
| L41 | 0  | ((plasma adj processing) ((plasma electron) adj density)) and mode with (select selecting selected selection) with control with acquisition and @pd>"20060606"          | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/08/24 12:51 |
| L42 | 0  | ((plasma adj processing) ((plasma electron) adj density)) and mode with (select selecting selected selection) with calibration with acquisition                         | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/08/24 12:51 |
| L43 | 3  | ((plasma adj processing) ((plasma electron) adj density)) and mode with (select selecting selected selection) with control and @pd>"20060606"                           | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/08/24 12:52 |
| L44 | 0  | varactor adj voltage with (electron plasma) adj density and @pd>"20060606"  | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/08/24 12:52 |

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|     |   |  |  |    |    |                  |
|-----|---|--|--|----|----|------------------|
| L45 | 0 | voltage with ((voltage adj controlled adj oscillator) vco) with (electron plasma) adj density and @pd>"20060201"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/08/24 12:52 |
| L46 | 0 | (plasma and process\$3 and diagnostic and multi-modal and resonator and Gunn and diode and voltage and oscillator and detector and controller and programmable and interface).clm. | US-PGPUB   | OR | ON | 2006/08/24 12:55 |
| L47 | 1 | (diagnostic and multi-modal and resonator and varactor and monitor and controller and interface).clm.  | US-PGPUB   | OR | ON | 2006/08/24 12:55 |